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FACSIMILE COVER SHEET**RECEIVED
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DATE: September 27, 2005
TO: Examiner Scott A. Hughes
COMPANY OR FIRM: PTO
FACSIMILE NO.: (571) 273-8300
FROM: Beth Pearson-Naul for David A. Walker
RE: Serial No.: 10/806,009
Docket No.: 414-35351-US
Title: "Use of Pattern Recognition in a Measurement of
Formation Transit Time for Seismic Checkshots"

NUMBER OF PAGES INCLUDING THIS COVER SHEET: 13

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Beth Pearson-Naul**CONFIDENTIALITY NOTICE**

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Graham A. Gaston et al. §
§
SERIAL NO.: 10/806,009 §
§
FILED: March 22, 2004 §
§
TITLE: "Use of Pattern Recognition in a §
Measurement of Formation §
Transit Time for Seismic §
Checkshots" §

Group Art Unit: 3663
Examiner: Scott A. Hughes
Atty. Docket: 414-35351-US
Confirmation No.: 1214

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MS: Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION DATED JUNE 27, 2005

This is in response to the Office Action, dated June 27, 2005 for the above-identified patent application.

Amendments to the Claims begin at page 2.

Remarks begin at page 6.